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1-31-08

Revised

United States Environmental Protection Agency
Region V
POLLUTION REPORT

EPA Region 5 Records Ctr.



286199

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Date: Thursday, January 31, 2008
From: Verneta Simon, on-scene coordinator

To:	Verneta Simon, u.s.epa	Linda Nachowicz, U.S. EPA
	John Maritote, U.S. EPA	Mark Johnson, ATSDR
	David Chung, U.S. EPA	Bruce Everetts, Illinois EPA
	Aaron Martin, Illinois Department of Public Health	Ropski Carol, U.S. EPA
	Charles Gebien, U.S. EPA	Richard Karl, U.S. EPA
	Michelle Watters, ATSDR	Thomas Baughman, IDPH
	Lisa Graczyk, Dynamac Corporation	Jay Rauh, Weston Solutions, Inc.
	Leonard Zintak, U.S. EPA	

Subject: Final POLREP
Deerfield Residential Mercury Spill
Ash Street, Deerfield, IL

Non-Responsive

POLREP No.:	3	Site #:	
Reporting Period:	January 11-28, 2008	D.O. #:	
Start Date:	12/19/2007	Response Authority:	CERCLA
Mob Date:	12/18/2007	Response Type:	Emergency
Completion Date:		NPL Status:	Non NPL
CERCLIS ID #:		Incident Category:	Removal Action
RCRIS ID #:		Contract #	

Site Description
See initial POLREP

Current Activities

On January 11, 2008, OSC Simon and WESTON START member Rauh returned to the residence to conduct follow-up screening and verify the efficacy of the removal action.

At 1300 hours, with Mrs. [redacted]'s approval, Rauh began screening the residence with a Lumex MVA. The indoor air temperature was 70°F. Readings were as follows:

- ☐ Foyer ☐ 5 ng/m3
- ☐ Living room ☐ 0 ng/m3
- ☐ Child's bedroom - 3 ng/m3

- ☐ Master bedroom ☐ 2 ng/m3
- ☐ Study ☐ 2 ng/m3
- ☐ Kitchen - 3 ng/m3
- ☐ Laundry/HVAC area ☐ 3 ng/m3
- ☐ Bathroom ☐ 2 ng/m3

OSC Simon discussed details on possible past uses of the residence with [Non-Responsive]. [Non-Responsive] reported that the previous owner [Non-Responsive] had used the house as a furniture making shop called ☐ Halstead Furniture ☐ prior to her family moving in. She also reported that there was a yellow envelope labeled ☐ mercury ☐ taped to the east side of her garage when she and Mr. ☐ purchased the house.

Medical monitoring of Mrs. ☐s children revealed ☐elevated☐ levels of mercury in their blood. However, their levels did not exceed recommended limits for mercury in blood.

The mercury contaminated debris that was removed (bedding, carpeting, carpet padding, shelves, clothes, toys, and personal items with headspace above 10,000 ng/m3) was transported by Republic Services, Inc. to Forest Lawn Landfill in Three Oaks, Michigan on January 25, 2008, (service approval #801025) for final disposal as non-hazardous, non-Department of Transportation (DOT) regulated debris. A total of two cubic yards of debris was landfilled.

Planned Removal Actions

None

Next Steps

Dr. Michelle Watters of ATSDR has been followed-up with Mrs. ☐ regarding health results and questions. Joe Kawecky has been assigned as a Civil Investigator to find and follow-up with [Non-Responsive]

Key Issues

None

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
Intramural Costs				
Total Site Costs	\$0.00	\$0.00	\$0.00	0.00%

the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Mercury Contaminated Debris	Two Cubic Yards	801025	Forest Lawn Landfill, Three Oaks, Michigan

www.epaosc.net/DeerfieldHg